(b) and (c) The Approach to the Eighth Plan stipulates that it is necessary to take a broad view of the whole issue of subsidies, to quantify their magnitude, and see which sections/classes/regions benefit from them and in what measure with a view to more purposive targetting of these towards poorer sections and less developed regions, and eliminating the hidden component of subsidies in irrigation, electricity and higher general education to those sections of population who have no claim on it.

Implementation of Technology Development of Indian Languages Programme

3044. SHRI PRAMOD MAHAJAN: Will the PRIME MINISTER be pleased to refer to answers to Starred Question 199 and Unstarred Question 2153 given in the Rajya Sabha on the 15th and 29 may, 1990 respectively and state:

(a) whether Government propose to involve reputed institutions engaged in research in Sanskrit in the country during implementation of Technology Development of Indian Languages (TDIL) programme, which includes development of various learning systems.

(b) if so, in what manner; and

(c) what is the outcome of research done so far, regarding language translation, text understanding, text generation and phonetics and when TDIL was started and the amount spent so far on it?

THE MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY (PROF. M. G. K. MENON): (a) and (b) Yes, Sir. Department of Electronics will identify for this purpose, in consultation with the Ministry of Human Resource Development, the reputed institutions engaged in research in Sanskrit in the country. Technology Development projects in the area of Indian Language processing will be supported jointly at technical and language institutions.

(c) The outcome of the research done so far, prior to the initiation of the Technology Development for Indian Languages (TDIL) Programme, is as follows:—

Area	Institutes	Result
I		
(i) Language Translation	National Centre for Software Technology, Bombay.	Limited success for translation of stories from English to Hindi.
(ii) Text Understanding		
(iii) Text Generation	IIT Kanpur.	Initial attempts have been made for translation of simple sentences from Hindi to Telugu.
II		
Phonetics	TIFR, Bombay ; CEERI, Delhi and IIT Madras.	Limited success in recognition of isolated words.

The detailed programme has been worked out for implementation of Technology Development for Indian Languages (TDIL) during the VIII Plan period. This will be launched after the VIII Plan proposals have been approved. An amount of Rs. 17 crores is estimated for this programme during the VIII Plan but this is yet to be finalised. No amount has been spent so far.

Publications of Punjabi/Urdu Academy of Delhi Administration

3045. SHRI PRAMOD MAHAJAN: Will the PRIME MINISTER be pleased to state:

(a) what is the number of publications brought out by the Punjabi Academy/Urdu Acadamy of the Delhi Administration during the last five years separately;

(b) what is the expenditure incurred thereon;

(c) what is the number of copies of each of such publications sold so far together with the sale proceeds;

(d) whether any enquiry is being contemplated by Government/Delhi Administration regarding the infructuous expenditure incurred on such publications; and

(e) what steps have been taken and are proposed to be taken to improve the affairs of the two Academies?

THE MINISTER OF STATE IN THE MINISTRY OF HUMAN RESOURCE DEVELOPMENT (SHRI CHIMANBHAI MEHTA): (a) to (e) According to the information furnished by Delhi Administration, the number of publications brought out by Punjabi and Urdu Academies during the last three years, the expenditure incurred thereon, the number of copies sold and the sale proceeds are as below:

PUNJABI ACADEMY

Year	No. of titles published	No. of copies published	Cost of publication	No. of copies sold	Sale Proceeds
			Rs.		Rs. lakhs
1987-88	15	9,595	2,30,754.00	Nil	Nil
1988-89	9	6,087	2,11,195.00	Nil	Nil
1989-90	12	10,113	1,83,414.00	972	0.25
TOTAL :	36	25,795	7,25,363.00	972	0.25

URDU ACADEMY

1987-88	12	15,132	4,34,490.00	10,304	3,36,328.00
1988-89	11	6,985	2,25,969.00	3,933	1,67,585.00
1989-90	7	2,593	3,38,694.00	1,503	2,22,281.00
TOTAL :	30	24,710	9,99,153.00	15,740	7,26,194.00